CLAIMS

What is claimed is:

1   1.   A method for communicating information from a private database to a
2   wireless communication device, the method comprising:
3   receiving a private database access request from the wireless communication
4   device, the private database access request including at least an appliance
5   identification (ID) that uniquely identifies the wireless communication device;
6   comparing the appliance ID with a security indicia, the security indicia
7   associated with the wireless communication device; and
8   communicating the information from the private database to the wireless
9   communication device when the appliance ID corresponds to the security indicia.

1   2.   The method of claim 1, wherein the appliance ID is multiple-use
2   identification indicia that is included in all communications from the wireless
3   communication device.

1   3.   The method of claim 2, wherein the multiple-use identification indicia
2   and the security indicia correspond to a telephone number of the wireless
3   communication device.

1   4.   The method of claim 1, wherein the appliance ID is a unique identifier
2   included in a header information of the private database access request from the
3   received wireless communication device.

1   5.   The method of claim 1, wherein communicating further comprises
2   transmitting the information as a radio frequency (RF) signal to the wireless
3   communication device.

1   6. The method of claim 1, wherein receiving the private database access

2 request further comprises receiving information selecting one of a plurality of

3 different private databases wherein the selected private database is communicated to

4 the wireless communication device when the appliance ID corresponds to the security

5 indicia.

1   7. The method of claim 1, further comprising;

2   receiving a second private database access request from a second wireless

3 communication device, the second private database access request including at least a

4 password generated by a user;

5   comparing the received password with a security code, the security code

6 uniquely associated with the user; and

7   associating a second security indicia with a second unique appliance ID of the

8 second wireless communication device when the received password corresponds to

9 the security code, so that the private database is communicated to the second wireless

10 communication device.

1   8. The method of claim 7, further comprising saving the second unique

2 appliance ID as the second security indicia uniquely associated with the second

3 wireless communication device.

1   9. The method of claim 7, further comprising:

2   receiving a subsequent private database access request from the second

3 wireless communication device, the subsequent private database access request

4 including at least the second unique appliance ID;

5   comparing the second unique appliance ID with the second security indicia;

6 and

7   communicating the private database to the second wireless communication

8 device when the second unique appliance ID corresponds to the second security

9 indicia.

1   10.   The method of claim 1, further comprising:

2   uniquely associating a plurality of unique appliance IDs with a plurality of

3 unique security indicia, wherein one appliance ID uniquely identifies one of a plurality

4 of wireless communication devices and wherein each of the security indicia are

5 uniquely associated with one of a plurality of private databases;

1   receiving the private database access request from one of the plurality of

2 wireless communication devices, the private database access request comprising at

3 least the appliance ID of the transmitting wireless communication device and an

4 access request to a selected private database selected from the plurality of private

5 databases;

6   comparing the appliance ID of the transmitting wireless communication device

7 with the plurality of unique security indicia; and

8   communicating the selected private database to the transmitting wireless

9 communication device when the appliance ID corresponds to the security indicia of

10 the selected private database.

1   11.   The method of claim 1, further comprising receiving a communication

2 from the wireless communication device that prevents association of the appliance ID

3 with the security indicia so that communicating the private database to the wireless

4 communication device is prevented.

1   12.   A method for remotely accessing a private database residing in a

2 remote database device using a wireless communication device, the method

3 comprising:

4   transmitting a radio frequency (RF) communication to the remote database

5 device, the RF communication comprising a private database access request and

6 comprising an appliance identification (ID) that uniquely identifies the wireless

7 communication device, such that when the appliance ID corresponds to a security

8 indicia residing in the remote database device the private database is communicated

9 from the remote database device; and

10   receiving a second RF communication comprising at least the private database

11 only when the appliance ID corresponds to the security indicia.

1   13.   The method of claim 12, further comprising communicating a multiple-

2 use identification indicia corresponding to the appliance ID and that uniquely

3 identifies the wireless communication device, and wherein the multiple-use

4 identification indicia is included in all communications from the wireless

5 communication device.

1   14.   The method of claim 13, wherein the multiple-use identification indicia

2 is a phone number.

1   15.   The method of claim 13, further comprising:

2   transmitting an initial private database access request to the remote database

3 device;

4   transmitting a password uniquely identifying a user of the wireless

5 communication device; and

6   receiving the second RF communication comprising at least the private

7 database only when the password corresponds to a security code residing in the remote

8 database device, the security code associated with the user, and wherein the security

9 code is associated with the security indicia of the private database.

1   16.   The method of claim 15, further comprising transmitting a subsequent

2 private database access request to the remote database device, the subsequent private

3 database access request comprising the appliance ID, such that the second RF

4 communication is received only when the appliance ID corresponds to the security

5 indicia.

1   17.   The method of claim 12, further comprising:

2   selecting a portion of the received private database using a browser; and

3   displaying the selected portion of the received private database on a display

4 residing on the wireless communication device using the browser.

1   18.   The method of claim 12, further comprising communicating an
2   instruction to the remote database device that prevents association of the appliance ID
3   with the security indicia so that communicating the private database to the wireless
4   communication device is prevented.

1   19.   A system that remotely accesses a private database using a wireless
2   communication device, the wireless communication device comprising:
3   a transceiver configured to receive and transmit radio frequency (RF)
4   communications;
5   an appliance identification (ID) corresponding to a multiple-use unique
6   identifier of the wireless communication device that is included in all transmitted RF
7   communications from the wireless communication device; and
8   a processor configured to cause the transceiver to transmit a first RF
9   communication to a database device having at least one private database, the first RF
10   communication comprising the appliance ID and a private database access request so
11   that the database device communicates the private database via a second RF
12   communication only when the appliance ID corresponds to a security indicia residing
13   in the database device associated with the private database, the security indicia.

1   20.   The system of claim 19, further comprising a memory configured to
2   store the received private database.

1   21.   The system of claim 19, further comprising:
2   a display; and
3   a browser configured to display the received private database on the display.

1   22.   A system that provides accesses to a private database comprising:

2   a communication system interface configured to receive a private database

3   access request and a multiple-use unique identifier (ID) generated by a remote

4   wireless communication device and configured to transmit a private database to the

5   remote wireless communication device;

6   a security indicia that corresponds to the multiple-use unique ID, the multiple-

7   use unique ID being included in all communications from the wireless communication

8   device and uniquely identifying the wireless communication device; and

9   a processor configured to compare the multiple-use unique ID to the security

10   indicia, and further configured to cause communication of the private database to the

11   remote wireless communication device only when the multiple-use unique ID

12   corresponds to the security indicia.

1   23.   The system of claim 22, further comprising a security code

2   corresponding to a user associated with the private database, so that when the received

3   ID is not initially associated with the security indicia, a password provided by the user

4   of the remote wireless communication device causes the multiple-use unique ID to be

5   associated with the security indicia when the password corresponds to the security

6   code.

1   24.   A computer-readable medium having a program for remotely accessing

2   remote private databases using a wireless communication device, the program

3   comprising logic configured to:

4   cause a transceiver to transmit a first radio frequency (RF) communication

5   comprising a private database access request and a multiple-use unique identifier that

6   uniquely identifies the wireless communication device, the first RF communication

7   directed to a remote database device wherein a private database resides, and wherein

8   the multiple-use unique identifier is included in all RF communications from the

9   wireless communication device; and

10   cause the transceiver to receive a second RF communication comprising at

11   least the private database, the private database communicated to the wireless

12   communication device by the remote database device only when the multiple-use

13   unique identifier corresponds to a security number residing in the remote database

14   device.

1   25.   A method for communicating information from a private database to a

2   wireless telephone, the method comprising:

3   transmitting a radio frequency (RF) communication from the wireless

4   telephone to a remote database device wherein the private database resides, the RF

5   communication comprising at least a private database access request and comprising

6   an appliance identification (ID) that uniquely identifies the wireless telephone, the

7   appliance ID being included in all communications from the wireless telephone and

8   uniquely identifying the wireless telephone;

9   receiving the private database access request and the the appliance ID by the

10   remote database device;

11   comparing the appliance ID with a security indicia, the security indicia

12   associated with the wireless communication device;

13   communicating the information of the private database from the remote

14   database device when the appliance ID corresponds to the security indicia; and

15   receiving a second RF communication by the the wireless telephone

16   comprising at least the information of the private database.

1 26. The method of claim 25 wherein the appliance ID is a telephone
2 number.